

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E72001

Employer : AIM Aerospace

Worksite : AIM Aerospace

Street : 1516 Fryer Avenue

Jurisdiction : City of Sumner

Participation : CTR

Status : Affected

Survey Type : Paper

Response Rate : 77%

Survey Date : 7/17/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 17.4%

Drive Alone Rate : 82.6%

One-Way VMT per employee : 15.1

Average One-Way distance home to work : 19.4

Employees and Survey Response Information

Reported Total Employees at Worksite: 450

Surveys Distributed : 383

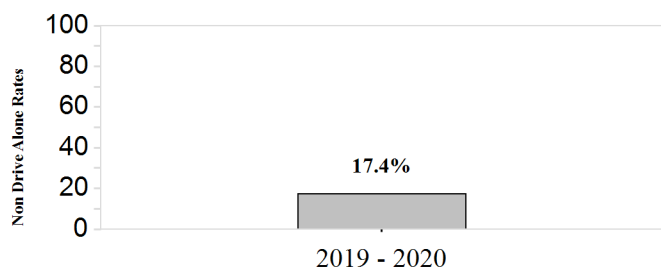
Surveys Returned : 294

Surveys Returned by CTR Affected* Employees : 137

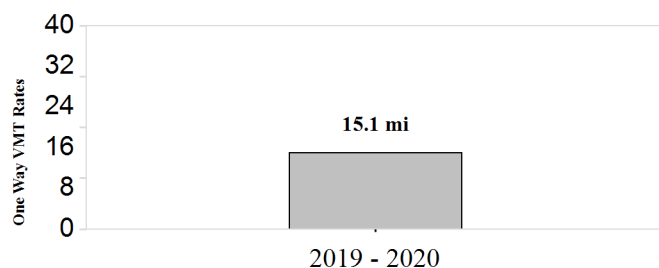
Total Estimated CTR Affected Employees at Worksite : 178

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

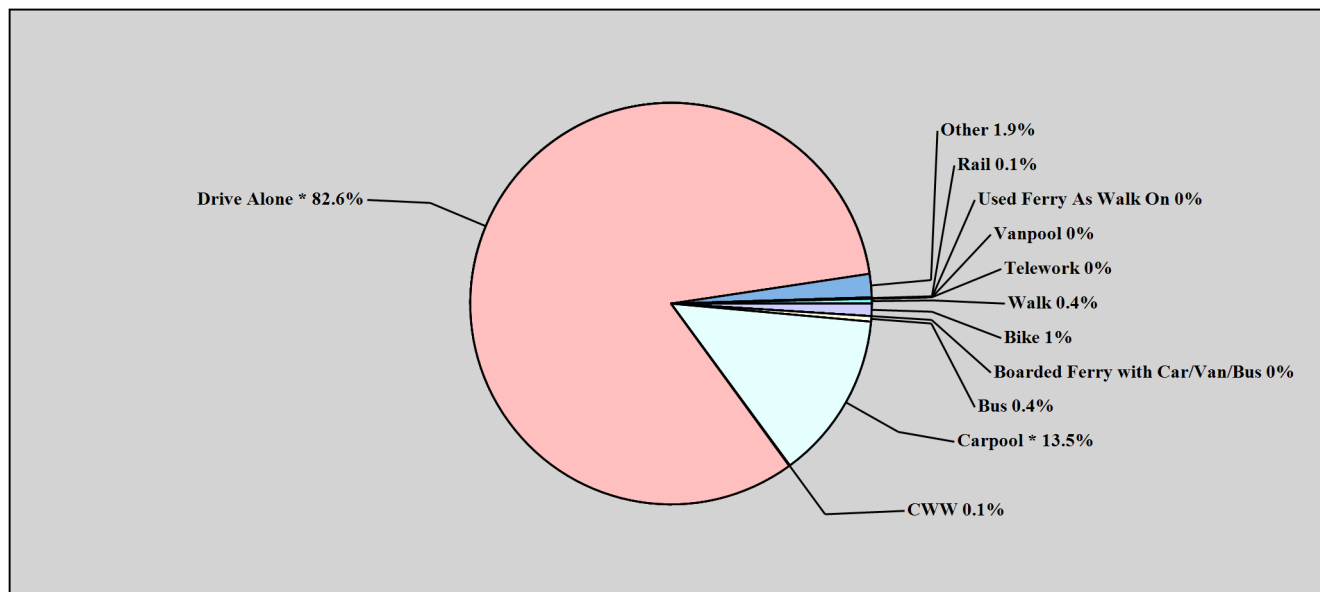
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2019 - 2020	17.4%	8.9%	1213	1856	36.4	15.1	14.9
Target	23.4%				Target:	12.4	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	0.0				% Change from Baseline:	0.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



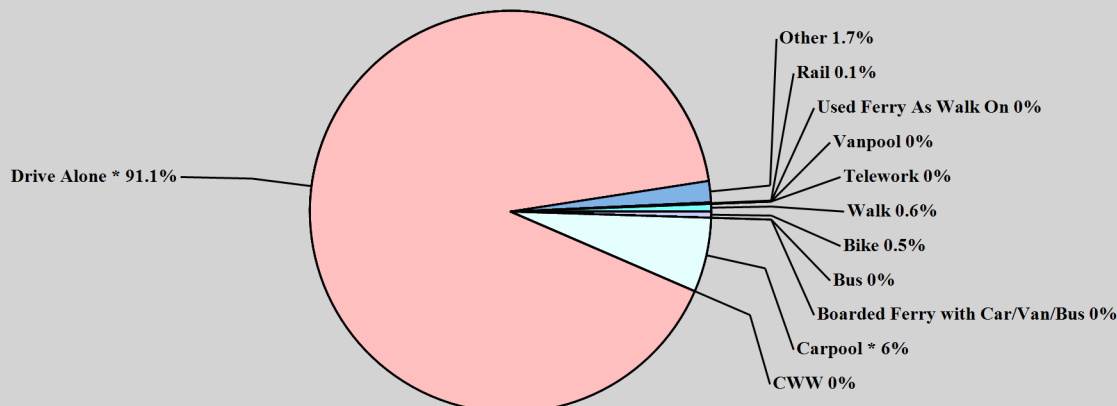
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,495	82.6%	0.0%	251	85.4%	0.0%
Carpool *	244	13.5%	0.0%	41	13.9%	0.0%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	8	0.4%	0.0%	2	0.7%	0.0%
Rail	2	0.1%	0.0%	2	0.7%	0.0%
Bike	18	1.0%	0.0%	4	1.4%	0.0%
Walk	7	0.4%	0.0%	4	1.4%	0.0%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	1	0.1%	0.0%	1	0.3%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	34	1.9%	0.0%	6	2.0%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	744	91.1%	0.0%	128	93.4%	0.0%
Carpool *	49	6.0%	0.0%	8	5.8%	0.0%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	0.0%	0	0.0%	0.0%
Rail	1	0.1%	0.0%	1	0.7%	0.0%
Bike	4	0.5%	0.0%	1	0.7%	0.0%
Walk	5	0.6%	0.0%	2	1.5%	0.0%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	14	1.7%	0.0%	2	1.5%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	240	82%	294	100%
1 Days	1	0%	54	18%
2 Days	3	1%	53	18%
3 Days	1	0%	50	17%
4 Days	3	1%	49	17%
5 Days	5	2%	46	16%
6 or More Days	41	14%	41	14%

Count by Occupancy of Carpools and Vanpools

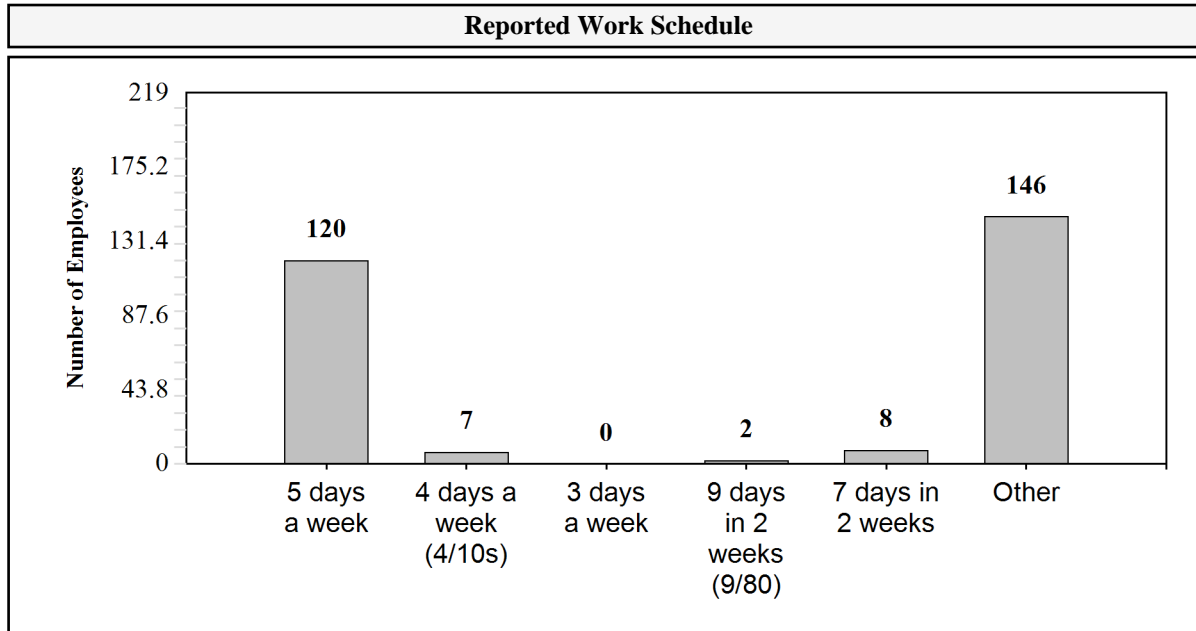
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	205
3	Carpool	25
4	Carpool	14
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

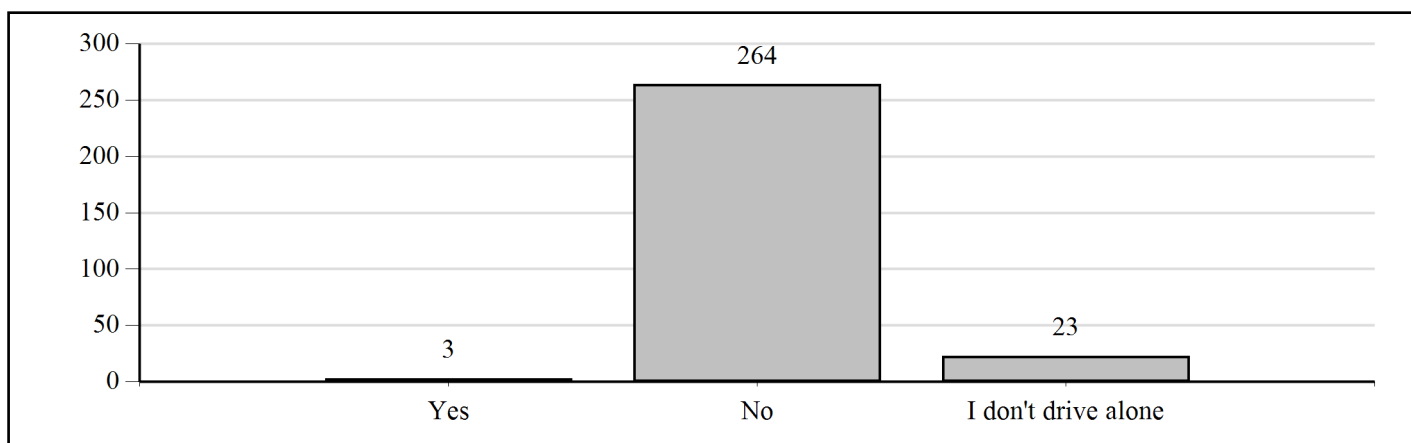
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	120	42.4%
4 days a week (4/10s)	7	2.5%
3 days a week	0	0%
9 days in 2 weeks (9/80)	2	0.7%
7 days in 2 weeks	8	2.8%
Other	146	51.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	9	3.1%
I don't telework	272	92.5%
Occasionally, on an as-needed basis	8	2.7%
1-2 days/month	1	0.3%
1 day/week	0	0.0%
2 days/week	2	0.7%
3 days/week	2	0.7%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	116	34.7%
To save money	51	15.3%
Driving myself is not an option	31	9.3%
Personal health or well-being	30	9.0%
Financial incentives for carpooling, bicycling or walking.	20	6.0%
Cost of parking or lack of parking	18	5.4%
To save time using the HOV lane	16	4.8%
Environmental and community benefits	14	4.2%
Emergency ride home is provided	13	3.9%
Free or subsidized bus, train, vanpool pass or fare benefit	9	2.7%
Preferred/reserved carpool/vanpool parking is provided	8	2.4%
I have the option of teleworking	5	1.5%
I receive a financial incentive for giving up my parking space	3	0.9%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	190	34.9%
Riding the bus or train is inconvenient or takes too long	88	16.1%
Other	63	11.6%
Family care or similar obligations	53	9.7%
My commute distance is too short	49	9.0%
My job requires me to use my car for work	33	6.1%
Bicycling or walking isn't safe	33	6.1%
I need more information on alternative modes	29	5.3%
There isn't any secure or covered bicycle parking	7	1.3%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	22	7.48%	125	15	0	0	0	0	0	0	0	0	0	0	0
98374	20	6.80%	94	26	0	0	0	0	0	0	0	0	0	0	0
98390	19	6.46%	72	19	0	0	0	0	17	1	0	0	0	0	12
98391	19	6.46%	104	13	0	0	0	0	0	0	0	0	0	0	0
98404	16	5.44%	74	23	0	0	0	0	0	0	0	0	0	0	0
98338	13	4.42%	63	12	0	0	0	0	0	0	0	0	0	0	0
98387	13	4.42%	33	35	0	6	0	0	0	0	0	0	0	0	7
98002	11	3.74%	56	12	0	0	0	0	0	2	0	0	0	0	0
98047	9	3.06%	52	7	0	0	0	0	0	0	0	0	0	0	0
98444	9	3.06%	24	32	0	0	0	0	0	0	0	0	0	0	1
98372	8	2.72%	40	0	0	0	0	0	0	3	0	0	0	0	7
98375	8	2.72%	46	4	0	0	0	0	0	0	0	0	0	0	0
98373	7	2.38%	46	0	0	0	0	0	0	0	0	0	0	0	0
98023	6	2.04%	39	0	0	0	0	0	0	0	0	0	0	0	0
98031	6	2.04%	34	2	0	0	0	0	0	0	0	0	0	0	0
98360	6	2.04%	33	0	0	0	0	0	0	0	0	0	0	0	0
98408	6	2.04%	18	12	0	0	0	0	0	0	0	0	0	0	7
98409	6	2.04%	29	7	0	0	0	0	0	0	0	0	0	0	0
98003	5	1.70%	24	0	0	0	7	0	0	0	0	0	0	0	0
98030	5	1.70%	32	0	0	0	0	0	0	0	0	0	0	0	0
98371	5	1.70%	23	7	0	0	0	0	0	0	0	0	0	0	0
98499	5	1.70%	32	0	0	0	0	0	0	0	0	0	0	0	0
98001	4	1.36%	26	0	0	0	0	0	0	0	0	0	0	0	0
98092	4	1.36%	22	0	0	0	0	0	0	0	0	0	0	0	0
98321	4	1.36%	24	0	0	0	0	0	0	0	0	0	0	0	0
98445	4	1.36%	26	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98422	3	1.02%	19	0	0	0	0	0	0	0	0	0	0	0	0
98021	2	0.68%	12	0	0	0	0	0	0	0	0	0	0	0	0
98032	2	0.68%	12	0	0	0	0	0	0	0	0	0	0	0	0
98038	2	0.68%	10	0	0	0	0	1	0	0	0	0	0	0	0
98042	2	0.68%	10	0	0	0	0	0	0	0	0	0	0	0	0
98354	2	0.68%	14	0	0	0	0	0	0	0	0	0	0	0	0
98406	2	0.68%	14	0	0	0	0	0	0	0	0	0	0	0	0
98446	2	0.68%	10	0	0	0	0	0	0	0	0	0	0	0	0
98465	2	0.68%	11	0	0	0	0	0	0	0	0	0	0	0	0
98498	2	0.68%	13	0	0	0	0	0	0	0	0	0	0	0	0
98580	2	0.68%	12	0	0	0	0	0	0	0	0	0	0	0	0
98597	2	0.68%	13	0	0	0	0	0	0	0	0	0	0	0	0
9	1	0.34%	5	0	0	0	0	0	0	0	0	0	0	0	0
0893	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
2 9	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
42980	1	0.34%	5	0	0	0	0	0	0	0	0	0	0	0	0
444	1	0.34%	5	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0.34%	0	6	0	0	0	0	0	0	0	0	0	0	0
583	1	0.34%	0	0	0	1	1	1	1	1	0	1	0	0	0
9	1	0.34%	5	0	0	0	0	0	0	0	0	0	0	0	0
900 3	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
93789	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
97444	1	0.34%	0	7	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
98118	1	0.34%	7	0	0	0	0	0	0	0	0	0	0	0	0
98166	1	0.34%	7	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.34%	7	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.34%	0	5	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98320	1	0.34%	7	0	0	0	0	0	0	0	0	0	0	0	0
98328	1	0.34%	5	0	0	0	0	0	0	0	0	0	0	0	0
98332	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.34%	5	0	0	0	0	0	0	0	0	0	0	0	0
98394	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
98402	1	0.34%	7	0	0	0	0	0	0	0	0	0	0	0	0
98405	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
98418	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
98437	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
98442	1	0.34%	5	0	0	0	0	0	0	0	0	0	0	0	0
98449	1	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
98837	1	0.34%	5	0	0	0	0	0	0	0	0	0	0	0	0